


<p>88-116706/17 E19 C04 LIOY 05.09.86 LION CORP *J6 3063-799-A 05.09.86-JP-208969-(22.03.88) C11d-01/72 C11d-07/50 C11d-10/12 Emulsifier compsn. for dry-cleaning solvent - comprises polyoxyethylene nonionic activator and e.g. carboxylic acid cpd. for highly stable water emulsion C88-052625</p> <p>A new emulsifier compsn. for dry-cleaning solvents contains (A) 5-70 wt. % of a nonionic activator of formula (I) and (B) one or more cpds. of formulae (II) to (V) with a (B)/(A) ratio of 0.05-0.7.</p> $R_1-O-(CH_2CH_2O)_{n_1}-H \quad (I)$ $R_3-COO-(CH_2CH_2O)_{n_2}-H \quad (II)$ $R_5-COOM_1 \quad (III)$ $\begin{array}{c} R_6 \\ \\ R_7-X-SO_3M_2 \end{array} \quad (IV)$	<p>E(5-B, 5-G9D, 10-A9B7, 10-A9B8, 10-C4C, 10-C4L, 10-E4K, 10-E4M3) G(4-B8)</p> $R_8-O-(CH_2CH_2O)_{n_1}-P \begin{array}{l} \diagup O \\ \diagdown N_2 \\ \diagup Y_1 \\ \diagdown Y_2 \end{array} \quad (V)$  <p>(i)</p> $\begin{array}{c} O \\ \\ -O-C-CH- \\ \\ O-C-CH_2 \\ \\ O \end{array} \quad (iii)$ <p>R₁ = 8-20C alkyl or alkenyl gp. or (8-20C alkyl gp.)-subst. phenyl gp.; n₁ = 2-20;</p> <p style="text-align: right;">J63063799-A</p>
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<p>R₁ = H or CH₃; R₃ = 8-20C alkyl or alkenyl gp. or (8-20C alkyl gp.)-subst. phenyl gp.; n₂ = 2-20 R₄ = H or CH₃; R₅ = 8-20C alkyl or alkenyl or (8-20C alkyl)-subst. phenyl; M₁ = Ca, Al or Mg; X = (i) or (ii); R₆, R₇ = H or 8-22C alkyl or alkenyl (they may be same of different but they are not both H); M₂ = alkali(ne earth) metal; R₈ = 8-20C alkyl or alkenyl; n₃ = 0-10; X₁, Y₁ = OM₃ or -(OCH₂CH₂)_n-OR₈ and M₃ = H or alkali(ne earth) metal.</p> <p>USE/ADVANTAGE The compsn. gives a highly stable water-solvent emulsion. It prevents resoiling and gives good flexibility to wool, cotton, flex, etc. (6ppDwgNo0/0).</p>	<p style="text-align: right;">J63063799-A</p>
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